

Applicant : Brent J. Bos
Page : 3

Amendments to the Abstract:

Please replace the Abstract on page 31 with the following rewritten Abstract:

A wide angle imaging system for providing a wide angle field of view of an area exteriorly of a vehicle ~~comprises an outer negative or wide angle group of lenses for receiving the wide angle field of view and directing a virtual image toward a positive, converging or focusing group of optics, which further refract and focus the image and provide a focused image to an image capture device.~~ The focusing group of lenses preferably comprises three plastic optic elements, which include a diffractive element and aspheric surfaces to correct for color, distortion and other aberrations in the wide angle virtual image received from the wide angle group of lenses. ~~The wide angle group of lenses are also preferably formed of a plastic material, such as polycarbonate or acrylic, and include a diffractive element on one of the elements.~~ The imaging system thus provides a low cost, light weight and compact wide angle focusing system which does not include expensive and fragile precision optic and/or glass elements.includes an image capture device having a field of view directed exteriorly of the vehicle, an outer wide angle lens, a focusing lens and a display. The image capture device may comprise an array of pixels and may have a coarse distribution of pixels and a fine distribution of pixels. The display may be operable to display a substantially undistorted image to the driver or occupant of the vehicle in response to a signal output of the image capture device.